

Sub G

2. **(Previously amended)** The method of Claim 1 wherein said removal of insoluble components is by centrifugation.

3. **(Original)** The method of Claim 2 wherein said centrifugation is at 10,000xg for about 20 minutes.

4. **(Previously amended)** The method of Claim 1 further comprising heating at about 100°C during said acid treatment.

5. **(Original)** The method of Claim 4 wherein said heating is for about 2 hours.

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6. **(Original)** The method of Claim 1 wherein said acid is selected from the group consisting of acetic acid, hydrochloric acid, and sulfuric acid.

7. **(Original)** The method of Claim 1 wherein said acid is acetic acid.

8. **(Original)** The method of Claim 1 wherein said bacteria containing peptidoglycan is *Lactobacillus*.

9. **(Original)** The method of Claim 8 wherein said bacteria is *L. fermentum*.

10. **(Original)** The method of Claim 1 further comprising ultrafiltration of said remaining solution.

11. **(Original)** The method of Claim 1 further comprising removing the lipids from said remaining solution.

12. **(Original)** The method of Claim 11 wherein said lipids are removed with chloroform.

Sub G
13. **(Previously amended)** The method of Claim 1 further comprising trichloroacetic acid precipitation of said remaining solution.

14. **(Original)** The method of Claim 1 further comprising lyophilization of said remaining solution.

15. **(Original)** The method of Claim 1 wherein said acid treatment is at a final pH of about 2.0.

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16. **(Previously amended)** A method for producing a peptidoglycan extract from bacteria comprising:

heating a Gram positive bacteria in a solution comprising water and acid, wherein said solution is substantially free of added raffinose and added enzymes, and wherein said solution has a final pH of less than 6.8;

removing insoluble particles from the solution resulting from said heating; and adjusting the pH of the remaining solution to about 7.0 obtaining thereby an immune stimulating composition.

17. **(Previously amended)** The method of claim 16 wherein said heating is at a final pH of about 2.0.

18. **(Original)** The method of Claim 16 wherein said Gram positive bacteria is Lactobacillus.

19. **(Original)** The method of Claim 16 further comprising removing lipids from said remaining solution.

Sub G1
20. (Original) The method of Claim 16 further comprising ultrafiltration from said remaining solution.

21. (Previously amended) The method of Claim 16 further comprising trichloroacetic acid precipitation from said remaining solution.

22. – 33. (Cancelled)

34. (Previously added) The method of claim 1 wherein said acid treatment has a final pH of less than 6.0.

F1
35. (Previously added) The method of claim 1 wherein said acid treatment has a final pH of less than 5.0.

36. (Previously added) The method of claim 1 wherein said acid treatment has a final pH of less than 4.0.

37. (Previously added) The method of claim 1 wherein said acid treatment has a final pH of less than 3.0.

38. (Previously added) The method of claim 1 wherein said acid treatment has a final pH of less than 2.0.

39. (Previously added) The method of claim 1 wherein said acid treatment has a final pH of about 2.0.